

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 3/24/99 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

REVIEWER <u>A. D.</u> DATE <u>7/22/99</u> TELEPHONE NO. _____	
1. Correction of Involuntary - 37 CFR 1.82	
<p><u>1. DRAWINGS.</u> 37 CFR 1.84(a): Acceptable categories of drawings:</p> <p><input checked="" type="checkbox"/> Black and white drawings of the new drawings filed in response to the Examiner's comments. (Applicant may delay filing of the new drawings if the drawings are not yet ready to be submitted. Color drawings are not acceptable until patent is granted. Fig(s) _____)</p> <p><input checked="" type="checkbox"/> Pencil and non-black ink not permitted. Fig(s) _____</p> <p><input type="checkbox"/> 1 full-tone set is required. Fig(s) _____</p> <p><input type="checkbox"/> Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____</p> <p><input type="checkbox"/> Poor quality (half-tone). Fig(s) _____</p> <p><input type="checkbox"/> 2. <u>PHOTOGRAPHS.</u> 37 CFR 1.84 (b)</p> <p><input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p><input type="checkbox"/> 3. <u>TYPE OF PAPER.</u> 37 CFR 1.84(e)</p> <p><input checked="" type="checkbox"/> Paper and flexible, strong, white, and durable. All lines and letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____</p> <p><input checked="" type="checkbox"/> Erasures, alterations, overwritings, interlineations, (including) smudging marks not accepted. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Mylar, vellum, paper not acceptable (too thin). Fig(s) _____</p> <p><input type="checkbox"/> 4. <u>SIZE OF PAPER.</u> 37 CFR 1.84(f): Acceptable sizes:</p> <p><input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4) <input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches) <input checked="" type="checkbox"/> All drawing sheets not the same size.</p> <p><input type="checkbox"/> Sheet(s) _____</p> <p><input type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____</p> <p><input type="checkbox"/> 5. <u>MARGINS.</u> 37 CFR 1.84(g): Acceptable margins:</p> <p><input checked="" type="checkbox"/> Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm <input type="checkbox"/> SIZE: A4 Size <input type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm <input type="checkbox"/> SIZE: 8 1/2 x 11 inches <input checked="" type="checkbox"/> Margins not acceptable. Fig(s) _____</p> <p><input type="checkbox"/> Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____</p> <p><input type="checkbox"/> 6. <u>VIEWS.</u> 37 CFR 1.84(h)</p> <p>REMINDER: Specification may require revision to correspond to drawing changes.</p> <p><input type="checkbox"/> Partial views. 37 CFR 1.84(h)(2)</p> <p><input type="checkbox"/> Brackets needed to show figure as one entity. Fig(s) _____</p> <p><input type="checkbox"/> Views not labeled separately or properly. Fig(s) _____</p> <p><input type="checkbox"/> Enlarged view not labeled separately or properly. Fig(s) _____</p> <p><input type="checkbox"/> 7. <u>SECTIONAL VIEWS.</u> 37 CFR 1.84 (h)(3)</p> <p><input type="checkbox"/> Hatching not indicated for sectional portions of an object. Fig(s) _____</p> <p><input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p> <p><input type="checkbox"/> 8. <u>ARRANGEMENT OF VIEWS.</u> 37 CFR 1.84(j)</p> <p><input checked="" type="checkbox"/> Application may delay filing of the drawings when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p> <p><input type="checkbox"/> 9. <u>SCALE.</u> 37 CFR 1.84(k)</p> <p><input type="checkbox"/> 10. <u>CHARACTER OF LINES, NUMBERS, & LETTERS.</u> 37 CFR 1.84(l)</p> <p><input checked="" type="checkbox"/> Lines and letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____</p> <p><input type="checkbox"/> Erasures, alterations, overwritings, interlineations, (including) smudging marks not accepted. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Solid black areas pale. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Solid black shading not permitted. Fig(s) _____</p> <p><input type="checkbox"/> Scale lines, pale, rough and blurred. Fig(s) _____</p> <p><input type="checkbox"/> 11. <u>NUMBERS, LETTERS, & REFERENCE CHARACTERS.</u> 37 CFR 1.84(p)</p> <p><input checked="" type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____</p> <p><input type="checkbox"/> Figure legends are poor. Fig(s) _____</p> <p><input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)</p> <p><input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2)</p> <p><input type="checkbox"/> All characters not the same size. 37 CFR 1.84(p)(3)</p> <p><input type="checkbox"/> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)</p> <p><input type="checkbox"/> 12. <u>LEAD LINES.</u> 37 CFR 1.84(q)</p> <p><input type="checkbox"/> Lead lines cross each other. Fig(s) _____</p> <p><input type="checkbox"/> Lead lines missing. Fig(s) _____</p> <p><input type="checkbox"/> 14. <u>NUMBERING OF SHEETS OF DRAWINGS.</u> 37 CFR 1.84(t)</p> <p><input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p><input type="checkbox"/> 15. <u>NUMBERING OF VIEWS.</u> 37 CFR 1.84(u)</p> <p><input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p><input type="checkbox"/> 16. <u>CORRECTIONS.</u> 37 CFR 1.84(w)</p> <p><input type="checkbox"/> Corrections not made from prior PTO-948 dated _____</p> <p><input type="checkbox"/> 17. <u>DESIGN DRAWINGS.</u> 37 CFR 1.152</p> <p><input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____</p> <p><input type="checkbox"/> Solid black shading not used for color contrast. Fig(s) _____</p>	
2. <u>REMARKS</u>	
<p>COMMENTS</p> <p>ATTACHMENT TO PAPER NO. <u>8</u></p>	